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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/736,127	12/15/2003	Jose La Rosa Ducato	P03,0574	3610

7590 01/19/2006

SCHIFF HARDIN & WAITE
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Chicago, IL 60606

EXAMINER

HUYNH, CONG LAC T

ART UNIT	PAPER NUMBER
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2178

DATE MAILED: 01/19/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/736,127

Applicant(s)

DUCATO ET AL.

Examiner

Cong-Lac Huynh

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 December 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 15 December 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>12/15/03</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is responsive to communications: the application filed on 12/15/03, priority 12/20/02.
2. Claims 1-12 are pending in the case. Claims 1, 8, 11 and 12 are independent claims.

Priority

3. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Information Disclosure Statement

4. The IDSs AL and AR are not considered since there are no translations for these documents. The AT document "Advanced Function Presentation—Programming Guide and Line Data Reference" is not considered since it is the same as the AS document, which is considered. The "Mixed Object Document Content Architecture Reference" should be AT instead of AU.

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1-12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Manning (US Pat No. 6,043,826, 3/28/00, 9/2/97) in view of Hirtenreiter et al. (US Pat App Pub No. 2004/0036694, 2/26/04, filed 4/9/01).

Regarding independent claim 1, Manning discloses:

- providing a document data stream comprising document data associated with an output font (abstract: a document in a desktop computer associated with the outline font)
- transferring the document data stream from a first computer to a second computer (col 3, lines 40-55)
- in the course of the document data stream preparation, converting the output font into the target font (col 4, line 52 to col 5, line 3)
- controlling the converting by at least one font conversion program stored in a resource file (col 4, line 52 to col 5, line 3)

Manning does not disclose that the conversion is controlled by at least one font conversion table stored in the resource file.

Hirtenreiter discloses using a conversion table for converting a source color into a target color for a document ([0001]-[0003]). This is suggested using such a conversion table for different types of data instead of color for a conversion purpose.

Thus, it would have been obvious to an ordinary skill in the art at the time of the invention was made to have modified the conversion table in Hirtenreiter for including data for converting source fonts to target fonts instead of data for converting source

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colors into target colors. Also, it would have been obvious to an ordinary skill in the art at the time of the invention was made to have combined such a modified conversion table into the conversion program in Manning for easily relating corresponding fonts between a source document and a target document via the visual tool of a table of mapping fonts.

Regarding claim 2, which is dependent on claim 1, Manning does not disclose that the resource file comprising the font conversion table is transferred from the first computer to the second computer with the document data stream.

Instead, Manning discloses that the resource file comprising the font conversion program is transferred from the first computer to the second computer with the document data stream (col 3, lines 40-55, col 4, line 52 to col 5, line 3).

Hirtenreiter discloses using a conversion table for converting a source color into a target color for a document ([0001]-[0003]). This is suggested using such a conversion table for different types of data instead of color for a conversion purpose.

It would have been obvious to an ordinary skill in the art at the time of the invention was made to have combined Hirtenreiter into Manning for effectively performing the font conversion when such a conversion table is transferred along with the data stream of the document.

Regarding claim 3, which is dependent on claim 1, Manning discloses does not disclose that the document data stream comprises an Advanced Function Presentation data stream, and whereby the resource file comprises an object container.

Hirtenreiter discloses the document data stream comprises an Advanced Function Presentation data stream, and whereby the resource file comprises an object container ([0008], [0009]).

It would have been obvious to one of ordinary skill in the art at the time of the invention was made to have combined Hirtenreiter into Manning since the Advanced Function Presentation data stream and the object container would provide the advantage to effectively render the document data stream for output on an output device.

Regarding claim 4, which is dependent on claim 3, Manning does not disclose that a selection of the object container occurs via a job corollary file.

Hirtenreiter discloses selection of the object container occurs via a job corollary file ([0009], [0031]-[0032]).

It would have been obvious to one of ordinary skill in the art at the time of the invention was made to have combined Hirtenreiter into Manning since said selection of the object container in Hirtenreiter would provide the advantage to effectively render the document data stream for output via printing.

Regarding claim 5, which is dependent on claim 1, Manning discloses rastered document data are generated character-by-character and pixel-by-pixel in a rastering process using the target font and the document data (col 5, lines 14-46).

Regarding claim 6, which is dependent on claim 5, Manning discloses that the raster matrices are used in the rastering process in which dot patterns of associated characters are stored (col 5, lines 14-46).

Regarding claim 7, which is dependent on claim 1, Manning discloses that the document data are generated pixel-by-pixel in a vector-allocation process using the target font and the document data (col 5, lines 14-46).

Claim 8 is for a system of method claim 1, and is rejected under the same rationale.

Regarding claims 9-10, which are dependent on claim 8, Manning does not explicitly disclose that a printer device or an archive device is provided as the output device. However, it would have been obvious to an ordinary skill in the art at the time of the invention was made to modified Manning to include providing a printer or an archive device as an output device since it was well known that a printer is an output device for a computer, and any computer has a memory for storing data, which is a form of an archive device. The combination of a printer or an archive device as an output device into Manning would provide useful tools for utilizing documents.

Claim 11 is for a program product of method claim 1, and is rejected under the same rationale.

Independent claim 12 includes the limitations of claims 1-3, and are rejected under the same rationale.

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Moore et al. (US Pat No. 5,528,742, 6/18/96).

Nakai et al. (US Pat No. 6,954,898, 10/11/05, filed 3/30/00).

Shimokawa (US Pat No. 6,788,428, 9/7/04, filed 4/13/00).

Leiman et al. (US Pat App Pub No. 2004/0184074, 9/23/04, priority 3/1/96).

Hohensee et al. (US Pat App Pub No. 2004/0156075, 8/12/04, priority 1/24/00).

Hughes et al. (US Pat App Pub No. 2004/0205677, 10/14/04, filed 10/3/01).

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cong-Lac Huynh whose telephone number is 571-272-4125. The examiner can normally be reached on Mon-Fri (8:30-6:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on 571-272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Cong-Lac Huynh
Primary Examiner
Art Unit 2178
1/17/06